

CLAIMS

What is claimed is:

1. A method of creating an object, comprising:
5 communicating one or more site design choices for display to a user;
receiving a selection of one of the one or more site designs choices;
communicating one or more information channel choices for display to the
user; and
receiving a selection associated with at least one of the one or more
10 information channel choices.
2. The method of claim 1, wherein the object is a node or a site.
3. The method of claim 1, further comprising:
15 prompting the user to communicate at least one member selected from the
group consisting of an intranet name, an address associated with a logo file, a web
site URL, a client name, an address associated with a client logo file, and a client
web site URL.
- 20 4. The method of claim 3, wherein the logo file is associated with a
format, where in the format is at least one member selected from the group
consisting of a .gif file format and a .jpg file format.
5. The method of claim 1, further comprising:
25 prompting the user to communicate a data associated with a client,
wherein the data includes at least one member selected from the group consisting
of a client first name, a client last name, a client email, a user name, and a
password.
- 30 6. The method of claim 1, further comprising:
creating one or more fields associated with the object, wherein the one or
more fields include data.

7. The method of claim 6, wherein the data includes at least one member selected from the group consisting of a node ID associated with the object, a name associated with the object, a list of one or more parent nodes associated with the object, a list of one or more subnodes associated with the object, a link associated with one or more users, a link to a view or template, a permissions field, a link associated with a document repository, an information channel pointer list, a shared document repository folder list, and other fields.

8. The method of claim 7, further comprising creating one or more links associated with the one or more subnodes.

9. The method of claim 7, wherein the one or more users have access to log onto the object.

10. The method of claim 7, wherein the view or template contains information associated with a user profile associated with the user.

11. The method of claim 10, wherein the information associated with a user profile includes at least one member selected from the group consisting of a user interface and one or more visual objects.

12. The method of claim 7, wherein the document repository contains at least one member selected from the group consisting of a document, a file, and a piece of content.

13. The method of claim 1, wherein the object is associated with a database, wherein the database contains at least one member selected from the group consisting of an object table, a user table, a groups table, and a user preferences table.

14. A data structure comprising:
at least one identification field associated with a user, wherein the identification field includes a user name and a location associated with the user,

wherein the location is associated with at least one member selected from the group consisting of an object, a node, or a site.

5 15. The data structure of claim 14, wherein the data structure is associated with a global user table.

10 16. A method of creating an object, comprising:
receiving user information;
creating a name associated with the object;
communicating a choice of one or more user interfaces;
receiving a selection of one of the one or more user interfaces;
communicating a set of one or more feature choices; and
receiving a selection associated with at least one of the one or more feature choices.

15 17. The method of claim 16, wherein the object is a node or site.

20 18. The method of claim 16, further comprising:
communicating an invitation to an external user, wherein the invitation is associated with the object.

25 19. The method of claim 16, further comprising:
adding user data to a table, wherein the table is associated with a database, and wherein the user data is associated with the user information.

30 20. The method of claim 16, wherein the user information includes a name associated with a user, further comprising:
creating a namespace in a user table, wherein the namespace is associated with the name.

21. The method of claim 16, wherein the user information is associated with a user, further comprising:
marking the user as an owner associated with the object.

22. A computer program product for use with a system for creating an object, said computer program product comprising:

a computer useable medium including computer readable program code means embodied in said medium for causing creating the object, said computer program product including:

(a) computer readable program code means for causing a computer to effect communicating one or more site design choices for display to a user;

(b) computer readable program code means for causing the computer to receive a selection of one of the one or more site designs choices;

(c) computer readable program code means for causing the computer to communicate one or more information channel choices for display to the user; and

(d) computer readable program code means for causing the computer to receive a selection associated with at least one of the one or more information channel choices.

23. An article of manufacture comprising:

a computer useable medium including computer readable program code embodied therein for causing creating an object, the computer readable program code in said article of manufacture comprising:

(a) computer readable program code means for causing a computer to effect communicating one or more site design choices for display to a user;

(b) computer readable program code means for causing the computer to receive a selection of one of the one or more site designs choices;

(c) computer readable program code means for causing the computer to communicate one or more information channel choices for display to the user; and

(d) computer readable program code means for causing the computer to receive a selection associated with at least one of the one or more information channel choices.

24. The computer program product of claim 22, wherein the object is a node or a site.

25. The article of manufacture of claim 23, wherein the object is a node or a site.

26. The computer program product of claim 22, further comprising:

5 computer readable program code means for causing the computer to prompt the user to communicate at least one member selected from the group consisting of an intranet name, an address associated with a logo file, a web site URL, a client name, an address associated with a client logo file, and a client web site URL.

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27. The article of manufacture of claim 23, further comprising:

computer readable program code means for causing the computer to prompt the user to communicate at least one member selected from the group consisting of an intranet name, an address associated with a logo file, a web site URL, a client name, an address associated with a client logo file, and a client web site URL.

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28. The computer program product of claim 22, further comprising:

computer readable program code means for causing the computer to create one or more fields associated with the object, wherein the one or more fields include data.

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29. The article of manufacture of claim 23, further comprising:

computer readable program code means for causing the computer to create one or more fields associated with the object, wherein the one or more fields include data.

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30. The computer program product of claim 28, wherein the data includes

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at least one member selected from the group consisting of a node ID associated with the object, a name associated with the object, a list of one or more parent nodes associated with the object, a list of one or more subnodes associated with the object, a link associated with one or more users, a link to a view or template, a

permissions field, a link associated with a document repository, an information channel pointer list, a shared document repository folder list, and other fields.

31. The article of manufacture of claim 29, wherein the data includes at least one member selected from the group consisting of a node ID associated with the object, a name associated with the object, a list of one or more parent nodes associated with the object, a list of one or more subnodes associated with the object, a link associated with one or more users, a link to a view or template, a permissions field, a link associated with a document repository, an information channel pointer list, a shared document repository folder list, and other fields.

32. A computer program product for use with a system for creating an object, said computer program product comprising:

a computer useable medium including computer readable program code means embodied in said medium for causing creating the object, said computer program product including:

(a) computer readable program code means for causing a computer to effect receiving user information;

(b) computer readable program code means for causing the computer to create a name associated with the object;

(c) computer readable program code means for causing the computer to communicate a choice of one or more user interfaces;

(d) computer readable program code means for causing the computer to receive a selection of one of the one or more user interfaces;

(e) computer readable program code means for causing the computer to communicate a set of one or more feature choices; and

(f) computer readable program code means for causing the computer to receive a selection associated with at least one of the one or more feature choices.

33. An article of manufacture comprising:

a computer useable medium including computer readable program code embodied therein for causing creating an object, the computer readable program code in said article of manufacture comprising:

(a) computer readable program code means for causing a computer to effect receiving user information;

(b) computer readable program code means for causing the computer to create a name associated with the object;

5 (c) computer readable program code means for causing the computer to communicate a choice of one or more user interfaces;

(d) computer readable program code means for causing the computer to receive a selection of one of the one or more user interfaces;

10 (e) computer readable program code means for causing the computer to communicate a set of one or more feature choices; and

(f) computer readable program code means for causing the computer to receive a selection associated with at least one of the one or more feature choices.

15 34. The computer program product of claim 32, wherein the object is a node or a site.

35. The article of manufacture of claim 33, wherein the object is a node or a site.

20 36. The computer program product of claim 32, further comprising:
computer readable program code means for causing the computer to communicate an invitation to an external user, wherein the invitation is associated with the object.

25 37. The article of manufacture of claim 33, further comprising:
computer readable program code means for causing the computer to communicate an invitation to an external user, wherein the invitation is associated with the object.

30 38. The computer program product of claim 32, further comprising:
computer readable program code means for causing the computer to add user data to a table, wherein the table is associated with a database, and wherein the user data is associated with the user information.

39. The article of manufacture of claim 33, further comprising:

computer readable program code means for causing the computer to add user data to a table, wherein the table is associated with a database, and wherein the user data is associated with the user information.

40. A method of creating and managing a network of objects comprising:

creating a first object, wherein the first object is associated with a first URL or web site;

creating a first table associated with the first object;

creating a second object, wherein the second object is associated with a second URL or web site;

creating a second table associated with the second object;

creating a parent list associated with the second table, wherein the parent list includes at least one array of pointers to at least one parent object, wherein the at least one parent object includes the first object;

creating a subnode list associated with the first object, wherein the subnode list includes at least one array of pointers to at least one subnode object, wherein the at least one subnode object includes the second object.

41. The method of claim 40, wherein the first object is a node or site, and wherein the second object is a node or site.

42. The method of claim 40, wherein the first object is an author site or a collaboration site, and wherein the second object is a collaboration site or a private client site.

43. The method of claim 40, further comprising communicating content from the first object to the second object.

44. The method of claim 41, wherein the content includes at least one member selected from the group consisting of a file, a folder, a document, an email, an instant message, a notification, a database record, and a link.

45. The method of claim 40, wherein the first object is associated with at least one information channel, further comprising:

creating a subscription to the at least one information channel, wherein the subscription is associated with the second object.

46. The method of claim 45, wherein the at least one information channel includes at least one mandatory information channel.

47. The method of claim 45, wherein the at least one information channel includes at least one optional information channel.

48. The method of claim 47, further comprising:

receiving a selection associated with the at least one optional information channel, wherein the selection includes at least one member selected from the group consisting of mandatory, optional, and unavailable.

49. The method of claim 40, further comprising:

associating a first user to the first object, wherein the first user is at least one member selected from the group consisting of an administrator, an employee, an external user, and a group.

50. The method of claim 49, further comprising:

associating a second user to the first object, wherein the second user is at least one member selected from the group consisting of an administrator, an employee, an external user, and a group.

51. The method of claim 49, wherein the first user is an administrator, further comprising:

creating a permission field associated with the first table; and
creating a pointer array associated with the permission field;
creating a bit field associated with the pointer array; and

setting the bit field to a number, wherein the number is associated with full access.

52. The method of claim 49, wherein the first user is an employee, further comprising:

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creating a permission field associated with the first table; and
 creating a pointer array associated with the permission field;
 creating a bit field associated with the pointer array; and
 setting the bit field to a number, wherein the number is associated with
 10 read-only access.

53. The method of claim 40, wherein the objects are collaboration sites.

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54. A computer program product for use with a system for creating and managing a network of objects, said computer program product comprising:
 a computer useable medium including computer readable program code means embodied in said medium for causing creating the network of objects, said computer program product including:

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(a) computer readable program code means for causing a computer to effect creating a first object, wherein the first object is associated with a first URL or web site;

(b) computer readable program code means for causing the computer to create a first table associated with the first object;

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(c) computer readable program code means for causing the computer to create a second object, wherein the second object is associated with a second URL or web site;

(d) computer readable program code means for causing the computer to create a second table associated with the second object;

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(e) computer readable program code means for causing the computer to create a parent list associated with the second table, wherein the parent list includes at least one array of pointers to at least one parent object, wherein the at least one parent object includes the first object; and

(f) computer readable program code means for causing the computer to create a subnode list associated with the first object, wherein the subnode list includes at least one array of pointers to at least one subnode object, wherein the at least one subnode object includes the second object.

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55. An article of manufacture comprising:

a computer useable medium including computer readable program code embodied therein for causing creating and managing a network of objects, the computer readable program code in said article of manufacture comprising:

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(a) computer readable program code means for causing a computer to effect creating a first object, wherein the first object is associated with a first URL or web site;

(b) computer readable program code means for causing the computer to create a first table associated with the first object;

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(c) computer readable program code means for causing the computer to create a second object, wherein the second object is associated with a second URL or web site;

(d) computer readable program code means for causing the computer to create a second table associated with the second object;

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(e) computer readable program code means for causing the computer to create a parent list associated with the second table, wherein the parent list includes at least one array of pointers to at least one parent object, wherein the at least one parent object includes the first object; and

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(f) computer readable program code means for causing the computer to create a subnode list associated with the first object, wherein the subnode list includes at least one array of pointers to at least one subnode object, wherein the at least one subnode object includes the second object.

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56. The method of claim 40, wherein the first object is associated with at least one view or template.

57. The method of claim 56, wherein the second object is associated with at least one view or template.